

Foxboro - 200 Series / EcoStruxure Foxboro DCS**FBM218****HART Communication Redundant Output Module****Verified product identity**

FBM218 is the official functional model and RH922VW is its current exact module part number; RH916QD is a separate redundant adapter.

Verified specifications

Output channels	8 isolated and independent 4-20 mA/HART channels
Redundancy	Master/tracker module pair
HART versions	5, 6 and 7; point-to-point master/slave; no burst mode
HART data rate	1200 baud; up to 2 messages per second
Maximum HART distance	3,030 m, subject to loop burden and barriers
Output accuracy	±0.05% of span from 4 to 20 mA
Output load	750 Ω maximum
Maximum rate of change	20 mA in 60 ms
Resolution	13 bits
Channel isolation test	600 VAC for one minute
Power consumption	7 W maximum
Heat dissipation	5 W maximum
Current module part number	RH922VW

Selection summary

Foxboro FBM218 is an eight-channel redundant 4-20 mA output module with HART communication for Foxboro DCS field devices.

APTER POWER

Foxboro - 200 Series / EcoStruxure Foxboro DCS

FBM218

Additional verified specifications

Required redundant adapter	RH916QD
Module Fieldbus	Redundant 2 Mbps
Input power	24 VDC +5%, -10%
Operating temperature	-20 to +70°C
Storage temperature	-40 to +70°C
Relative humidity	5 to 95%, noncondensing
Operating altitude	-300 to +3,000 m
Storage altitude	-300 to +12,000 m
Vibration	0.75 g from 5 to 500 Hz
Contamination class	ISA-S71.04 Class G3
Dimensions	10.2 × 4.5 × 10.4 cm (H × W × D); 11.4 cm height including mounting lugs
Weight	0.284 kg (official approximate module net weight)

Installation and commissioning

- Match the exact electronic-module order number, termination assembly, cable, field power and system configuration.
- Preserve channel configuration, wiring, grounding, redundancy state and active diagnostics before removal.
- Commission every used channel with controlled signals and verify alarms, diagnostics and control behavior.

Official applications

- Redundant 4-20 mA valve and actuator positioning
- HART-enabled process field-device output control
- High-availability analog output service requiring continued operation after a single detected module failure

Evidence boundary

Dimensions and weight apply only to the FBM218 electronic module. Termination assemblies, cables, adapters, companion modules and packaging are excluded.

Source basis: official Schneider Electric / Foxboro model-specific Product Specifications Sheet.